Type of system: Digital Library System

System Features:

1. The program can let a user login as a librarian (admin), a user, or a guest.
2. The program lets users and guests browse the library
3. The program can let users and guests search through books by title, author, date of publication, and their genre.
4. The program can let readers borrow a book for a maximum of one week.
5. The program can let readers return borrowed books.
6. The program can calculate a reader’s late return fees. P25 is incrementally added for each day it has gone past the deadline for returning.
7. The program can let readers register a new digital library card. The information needed from the user is their first name, last name, username, and pin number.
8. The program can let librarians add new books into the system. Each new book must contain the following information: Title, Author(s), Date of Publication, Edition, and Genre.
9. The program can let librarians search through the history of borrowings and purchases.
10. The program can let librarians modify a book’s information.
11. The program can let librarians see the list of readers registered.

Business Policies:

* The system requires readers to be registered before borrowing a book.
* The system will not allow registered users to borrow more than three books.
* The system only stores bibliographic materials. Precisely, it does not store any other media other than books.

Expected output:

Pin number:****

Username:****

**LOG IN**

Author

Title

Date Published

Genre

Search